ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 122 (1997) v–vi

COLLOIDS AND SURFACES A

Contents of Volume 122

Surface modification by polyelectrolyte complexes: influence of different polyelectrolyte components and substrates
G. Kramer, H.-M. Buchhammer and K. Lunkwitz (Dresden, Germany) 1
Adsorption of Co^{2+} and Zn^{2+} ions on hydrous Fe(III), Sn(IV) and mixed Fe(III)/Sn(IV) oxides. Part I. Characteristics of the hydrous oxides, apparent capacity and some equilibria measurements
H.F. Ghoneimy, T.N. Morcos and N.Z. Misak (Cairo, Egypt) 13
Apparent molar volume and viscosity of zirconyl soaps
K.N. Mehrotra and M. Anis (Agra, India) 27
Depletion of dextran and PEO for latex particles with "hairy layers": an electrophoretic study
A. Krabi (Berlin, Germany), G. Allan (Bristol, UK), E. Donath (Berlin, Germany) and B. Vincent (Bristol, UK) 33
Partition of alkylbetaine surfactants in liposomes modeling the stratum corneum lipid composition
A. de la Maza, J. Baucells, P. Gonzalez-Enseñat and J.L. Parra (Barcelona, Spain) 43
Phase behaviour and long-time self-diffusion in a binary hard sphere dispersion
A. Imhof and J.K.G. Dhont (Utrecht, Netherlands) 53
Influence of cosolvent (acetone) on the adsorption and movement of cypermethrin on soils
R.P. Singh (Aligarh, India) 63
The interactions between polyelectrolytes and AOT in an oil/water system
P. Plucinski and J. Reitmeir (Garching, Germany) 75
Probing dynamics of dense suspensions: three-dimensional cross-correlation technique
E. Overbeck, C. Sinn, T. Palberg and K. Schätzel (Mainz, Germany) 83
Effects of polymer dosage on alum sludge dewatering characteristics and physical properties
C.C. Wu, C. Huang (Hsinchu, Taiwan) and D.J. Lee (Taipei, Taiwan) 89
Hydrophobic interaction of amphiphilic hemicyanine dyes with cationic and anionic surfactant micelles
M.A. Awan and S.S. Shah (Islamabad, Pakistan) 97
Polydimethylsiloxane (PDMS)-based antifoams
V. Bergeron (Gif sur Yvette, France), P. Cooper, C. Fischer (Saint Fons, France), J. Giermanska-Kahn, D. Langevin (Pessac, France) and A. Pouchelon (Saint Fons, France) 103
Adsorption of hydroxyethylcellulose or hydrophobically modified cellulose and anionic surfactant from their binary mixtures on particles
Y. Yamanaka and K. Esumi (Tokyo, Japan) 121
A novel contact angle measurement technique by analysis of capillary rise profile around a cylinder (ACRPAC)
Y. Gu, D. Li and P. Cheng (Edmonton, Alta., Canada) 135
Adsorption behaviour and conformation of selected poly(ethylene oxide) copolymers on the surface of a model colloidal drug carrier
S. Stolnik, N.C. Felumb, C.R. Heald, M.C. Garnett, L. Illum and S.S. Davis (Nottingham, UK) 151
Critical micelle concentration of mixed surfactant SDS/NP$(EO)_{40}$ and its role in emulsion polymerization
L.-J. Chen, S.-Y. Lin, C.-S. Chern and S.-C. Wu (Taipei, Taiwan, China) 161
Electrostatic characterisation of Al-modified, nanosized silica particles
M. Rasmusson and S. Wall (Göteborg, Sweden) 169
A small angle X-ray scattering study on high pH silica precipitations
P.H. Bolt, T.P.M. Beelen and R.A. van Santen (Eindhoven, Netherlands) 183
Adsorption behavior of oxyethylated anionic surfactants. Part 1. Adsorption equilibrium
G. Czichocki (Berlin-Adlershof, Germany), A.V. Makievski, V.B. Fainerman (Donetsk, Ukraine) and R. Miller (Berlin-Adlershof, Germany) 189

Capture or repulsion of treated nylon particles by an ice–water interface
M.A. Azouni, P. Casses and B. Sergiani (Meudon, France) 199
New collectors in the flotation of sulphide minerals: a study of the electrokinetic, calorimetric and flotation properties of sphalerite, galena and chalcocite
G.S. Maier, X. Qiu and B. Dobias (Regensburg, Germany) 207
Formation and surface properties of microcapsules based on gelatin–sodium dodecyl sulphate interactions
Y. Vinetsky and S. Magdassi (Jerusalem, Israel) 227
Adsorption of hyperdispersants having a poly-ϵ-caprolactone solvatable chain on magnetic particles
X. Zhang, Z. Wang and L. Hu (Shanghai, China) 237
Interactions between cationic starch and anionic surfactants. 2. Viscosity and aggregate size in dilute solutions
J. Merta and P. Stenius (Espoo, Finland) 243
Molybdenum oxide-supported Pd catalysts; characterisation and evaluation in the syngas reaction
A. Juan (Bahía Blanca, Argentina), C.C. Moro (Porto Alegre, Brazil) and D.E. Damiani (Bahía Blanca, Argentina) 257
Comments on the article "Affinity distributions and acid base properties of homogeneous and heterogeneous sorbents: exact results versus experimental data inversion"
J.A. Schwarz (Syracuse, NY, USA) 265
Reply to the preceding comment by J.A. Schwarz
M. Borkovec, U. Rusch, M. Černík (Schlieren, Switzerland), G.J.M. Koper (Leiden, The Netherlands) and J.C. Westall (Corvallis, OR, USA) 267

Brief Note
Determination of equilibrium surface tension values by extrapolation via long time approximations
A.V. Makievski, V.B. Fainerman (Donetsk, Ukraine), R. Miller, M. Bree (Berlin-Adlershof, Germany), L. Liggieri and F. Ravera (Genoa, Italy) 269

Author Index 275
Subject Index 277